

April 6, 2004

Hazardous, Toxic and Radioactive Waste  
Center of Expertise

Mildred Reyes  
Chemtech  
284 Sheffield Street  
Mountainside, NJ 07092

Dear Ms. Reyes:

This correspondence addresses the ongoing validation status of Chemtech of Mountainside, NJ for the U.S. Army Corps of Engineers (USACE) for chemical analysis in support of the USACE Hazardous, Toxic and Radioactive Waste Program.

Your laboratory is now validated for the parameters listed below:

METHOD <sup>(1)</sup>	PARAMETERS	MATRIX <sup>(2) (3)</sup>
300.0/300 Series	Anions <sup>(5)</sup>	Water
300.0/300 Series	Anions <sup>(5)</sup>	Solid
9056	Anions <sup>(5)</sup>	Water
9056	Anions <sup>(5)</sup>	Solid
9010B/9012A	Cyanide	Water
9013/9012A	Cyanide	Solid
8330	Explosives	Water
8330	Explosives	Solids
8151A	Herbicides	Water
8151A	Herbicides	Solids
3510C/3520C/8081A	Organochlorine Pesticides	Water
3541/3550B/3545/8081A	Organochlorine Pesticides	Solids
3510C/3520C/8082	Polychlorinated Biphenyls	Water
3541/3550B/3545/8082	Polychlorinated Biphenyls	Solids
3510C/3520C/8270C	Semivolatile Organics	Water
3541/3550B/3545/8270C	Semivolatile Organics	Solids
3010A/6010B/7470A	TAL Metals <sup>(4)</sup>	Water
3050B/6010B/7471A	TAL Metals <sup>(4)</sup>	Solids
7196A	Hexavalent Chromium	Water
3060A/7196A	Hexavalent Chromium	Solids
9060	Total Organic Carbon	Water

9060M	Total Organic Carbon	Solid
3510C/5030A/8015M	TPH - DRO/GRO	Water
3550B/3545/5030A/8015M	TPH - DRO/GRO	Solids
5030B/8260B	Volatile Organics	Water
5035/8260B	Volatile Organics	Solids

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- Remarks:
- 1) Sample preparation methods have been added to reflect program policy change.
  - 2) 'Solids' includes soils, sediments, and solid waste.
  - 3) The laboratory has successfully analyzed a Proficiency Testing (PT) sample for this method/matrix.
  - 4) TAL Metals: Aluminum, antimony, arsenic, barium, beryllium, cadmium, calcium, chromium, cobalt, copper, iron, lead, magnesium, manganese, mercury, nickel, potassium, selenium, silver, sodium, thallium, vanadium, and zinc.
  - 5) Anions: Chloride, fluoride, sulfate, nitrate, nitrite, and ortho-phosphate.

Based on the successful analysis of the National Environmental Laboratory Accreditation Conference Proficiency Testing samples for the appropriate fields of testing, the results of the laboratory inspection, and your Corrective Action Report, your laboratory will be validated for sample analysis by the methods listed above. The evaluation, which was conducted for your facility, is based substantially on ISO Guide 25 (General Requirements for the Competence of Testing Laboratories) and USACE Engineering Manual (EM) 200-1-3, Appendix I (Shell for Analytical Chemistry Requirements). The period of validation has been previously established and expires on March 2, 2006.

The USACE reserves the right to conduct additional laboratory inspections or to suspend validation status for any or all of the listed parameters if deemed necessary. It should be noted that your laboratory may not subcontract USACE analytical work to any other laboratory location without the approval of this office. This laboratory validation does not guarantee the delivery of any analytical samples from a USACE Contracting Officer Representative.

Any questions or comments can be directed to Kevin Coats at (402) 697-2563. General questions regarding laboratory validation may be directed to the Laboratory Validation Coordinator at (402) 697-2574.

- 3 -

Sincerely,

Marcia C. Davies, Ph.D.  
Director, USACE Hazardous,  
Toxic and Radioactive Waste  
Center of Expertise